

DANN, DORFMAN, HERRELL AND SKILLMAN

A Professional Corporation

1601 Market Street

Suite 720

Philadelphia, PA 19103-2307

Telephone (215) 563-4100
Facsimile (215) 563-4044**FAX CENTER
RECEIVED****OFFICIAL****JUN 17 1997****FAX COVER SHEET****GROUP 1800****TELECOMMUNICATIONS - ON CANON FAX-A501**DELIVER TO: **Examiner M. Woodward**
Group Art Unit 1815

DATE: June 17, 1997

FROM: **Patrick J. Hagan, Esq.**

OUR REF:

OPERATOR: **Tina Doyle**

YOUR REF:

Total Pages (including this cover) 4

Re: U.S. Patent Application No. 08/447,820
Filing Date: May 23, 1995
Roger P. Ekins

Documents being facsimile transmitted:

1. Supplemental Response to Paper No. 4 with Certificate of
Facsimile Transmission.**IF THE ACCOMPANYING/ABOVE MESSAGE IS NOT RECEIVED PROPERLY, PLEASE CALL (215) 563-4100
AND LEAVE A MESSAGE FOR THE OPERATOR INDICATED ABOVE.**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

#8/B
(sheet
6/18/97

In re the Application of)
ROGER P. EKINS)
Application No. 08/447,820)
Filed: May 23, 1995)
For: DETERMINATION OF AMBIENT)
CONCENTRATION OF SEVERAL)
ANALYTES)

Examiner: M. Woodward, Ph.D.

Group Art Unit: 1815

RECEIVED

JUN 17 1997

GROUP 1800

CERTIFICATE OF FACSIMILE TRANSMISSION

I hereby certify that this paper for U.S.
Application No. 08/447,820 is being facsimile transmitted to
the Patent and Trademark Office fax number 703-308-4065 on
the date shown below.

Tina M. Doyle

Type or print name of person signing certificate

Tina M. Doyle
SignatureJune 17, 1997
DateSUPPLEMENTAL RESPONSE TO PAPER NO. 4

Please amend the above-identified application as
follows:

In the Claims:

Add new claims 4-8 as follows:

4. A method for determining the fractional binding site
occupancy of a plurality of binding agents by a plurality of
analytes in a liquid sample of V liters, comprising:

(a) loading a plurality of different binding
agents, each being capable of reversibly binding an analyte
which is or may be present in the liquid sample and is
specific for said analyte as compared to the other components
of the liquid sample, onto a support at a plurality of spaced
apart small spots such that each spot has a high coating
density of one of said binding agents but not more than 0.1
V/K moles of binding agent are present on any one spot, where

B1

31